ELSEVIER

Neuroscience Letters 264 (1999) 175–176

Neuroscience Letters

Contents to Volume 264

Volume 264, nos. 1,2,3

Guidelines for the submission of manuscripts v

Differential effects of L-buthionine sulfoximine and ethacrynic acid on glutathione levels and mitochondrial function in PC12 cells
J. Seyfried, F. Soldner, J.B. Schulz, T. Klockgether, K.A. Kovar, U. Wüllner (Germany) 1

Evidence that the neuronal nitric oxide synthase inhibitor 7-nitroindazole inhibits monoamine oxidase in the rat: in vivo effects on extracellular striatal dopamine and 3,4-dihydroxyphenylacetic acid
C. Desvignes, L. Bert, L. Vinet, L. Denoroy, B. Renaud, L. Lambás-Señas (France) 5

A femtomolar-acting neuroprotective peptide induces increased levels of heat shock protein 60 in rat cortical neurons: a potential neuroprotective mechanism
R. Zamostiano, A. Pinhasov, M. Bassan, O. Perl, R.A. Steingart, R. Atlas, D.E. Brenneman, I. Gozes (Israel, USA) 9

Preprodynorphin-like immunoreactivity in medullary dorsal horn neurons projecting to the thalamic regions in the rat
J.-L. Li, Y.-Q. Li, T. Kaneko, N. Mizuno (People's Republic of China, Japan) 13

Group I metabotropic receptors down-regulate nitric oxide induced caspase-3 activity in rat hippocampal neurons
K. Maiese, A.M. Vincent (USA) 17

Regulation of AP-1 gene transcription factor binding activity in the rat brain during nicotine dependence
S.C. Pandey, T. Xu, D. Zhang (USA) 21

Extracellular protons activate K^+ current in a subpopulation of frog taste receptor cells
Y.V. Bobkov, S.S. Kolesnikov (Russia) 25

Cell-cycle inhibitor p27/Kip-1 expression in non-astrocytic and non-oligodendrocytic human nervous system tumors
D. Schiffer, S. Bortolotto, I. Bosone, I. Cancelli, P. Cavalla, P. Schiffer, R. Piva (Italy) 29

Centrifugal Phe-Met-Arg-Phe-NH_2-like immunoreactive innervation of the retina in a non-teleost bony fish, *Lepisosteus osseus*
C.R. Malz, H. Jahn, D.L. Meyer (Germany) 33

Excitatory effects of adenosine are not mediated by inhibition of GABAergic system in slices of superior colliculus and hippocampus from guinea pig
K. Kobayashi, Y. Okada (Japan) 37

Oxytocin causes a sustained decrease in plasma levels of corticosterone in rats
M. Petersson, A.-L. Hulting, K. Uvnäs-Moberg (Sweden) 41

Effects of gonadal steroids on the serotonin synthesis and metabolism in the early developing tilapia brain
C.-L. Tsai, L.-H. Wang (Taiwan) 45

Somatostatin binding sites in the white matter of the developing human brainstem: inverse relationship with the myelination process
V. Carpentier, H. Vaudry, A. Laquerriere, P. Leroux (France) 49

Effects of interstimulus interval on auditory event-related potentials in congenitally blind and normally sighted humans
B. Röder, F. Rösler, H.J. Neville (Germany, USA) 53

Submicroscopic immunodetection of PrP in the brain of a patient with a new-variant of Creutzfeldt–Jakob disease
V. Grigoriev, F. Escaig-Haye, N. Streichenberger, N. Kopp, J. Langeveld, P. Brown, J.-G. Fournier (France, The Netherlands, USA) 57

Noradrenaline-degrading activity of monoamine oxidase is localized in noradrenergic neurons of the locus coeruleus of the rat
Y. Hasegawa, T. Hida, R. Arai (Japan) 61

Functional evidence for involvement of bumetanide-sensitive $Na^+K^+2Cl^-$ cotransport in the hepatoportal Na^+ receptor of the Sprague–Dawley rat
H. Morita, N. Fujiki, M. Hagiike, O. Yamaguchi, K. Lee (Japan) 65

Quantification of dopamine D3 receptor mRNA level associated with the development of amphetamine-induced behavioral sensitization in the rat brain
H. Hondo, R.H. Spitzer, B. Grinius, N.M. Richtand (USA) 69

Heptanol exerts epileptiform effects in identified neurons of the buccal ganglia of *Helix pomatia*
I.H. Tarner, U. Altrup, E.-J. Speckmann (Germany) 73

Increase of extracellular dopamine in prefrontal cortex of gerbils during acquisition of the avoidance strategy in the shuttle-box
H. Stark, A. Bischof, H. Scheich (Germany) 77

Sodium channels (from rat, mouse, and man) in neuroblastoma cells and different expression systems have similar sensitivities to pentobarbital
B. Rehberg, M. Wittmann, B.W. Urban (Germany, USA) 81

Synchronous firing patterns of a set of insect neurosecretory cells
T. Ichikawa, Y. Imafuku, K. Tawada (Japan) 85

Adenosine receptor antagonists inhibit the development of morphine sensitization in the C57BL/6 mouse
S.P. Weisberg, G.B. Kaplan (USA) 89
Block and unblock by imipramine of cloned and mutated $P2X_2$ receptor/channel expressed in *Xenopus* oocytes
K. Nakazawa, K. Inoue, Y. Ohno (Japan) 93
Voltage-sensitive Ca^{2+} channels, intracellular Ca^{2+} stores and Ca^{2+}-release-activated Ca^{2+} channels contribute to the ATP-induced $[Ca^{2+}]_i$ increase in differentiated neuroblastoma × glioma NG 108-15 cells
M. Bräter, S.-N. Li, I.J. Gorodezkaya, K. Andreas, U. Ravens (Germany) 97
Neurons containing orexin in the lateral hypothalamic area of the adult rat brain are activated by insulin-induced acute hypoglycemia
T. Moriguchi, T. Sakurai, T. Nambu, M. Yanagisawa, K. Goto (Japan, USA) 101
Met-enkephalin-induced mobilization of intracellular Ca^{2+} in rat intracardiac ganglion neurones
A.B. Smith, D.J. Adams (Australia) 105
Evidence for fusimotor drive in stroke patients based on muscle spindle thixotropy
L.R. Wilson, J.-M. Gracies, D. Burke, S.C. Gandevia (Australia) 109
Glucose-sensitive neurons in the rat arcuate nucleus contain neuropeptide Y
S. Muroya, T. Yada, S. Shioda, M. Takigawa (Japan) 113
The effect of leptin on feeding-regulating neurons in the rat hypothalamus
H. Funahashi, T. Yada, S. Muroya, M. Takigawa, T. Ryushi, S. Horie, Y. Nakai, S. Shioda (Japan) 117
Dissociation of 'on-line' and 'off-line' visuomotor control of the arm by focal lesions in the cerebellum and brainstem
X. Liu, H.A. Ingram, J.A. Palace, R.C. Miall (UK) 121
Sustained phosphorylation and activation of protein kinase B correlates with brain-derived neurotrophic factor and insulin stimulated survival of cerebellar granule cells
E.J. Foulstone, J.M. Tavaré, F.J. Gunn-Moore (UK) 125
Acyclovir treatment of experimentally induced herpes simplex virus encephalitis: monitoring the changes in immunologic NO synthase expression and viral load within brain tissue of SJL mice
J. Haas, U. Meyding-Lamadé, A. Fäth, K. Stingele, B. Storch-Hagenlocher, B. Wildemann (Germany) 129
Primary trigeminal afferents to the vestibular nuclei in the rat: existence of a collateral projection to the vestibulo-cerebellum
G. Pinganaud, F. Bourcier, C. Buisseret-Delmas, P. Buisseret (France) 133
Axonal trajectories of the nucleus reticularis gigantocellularis neurons in the C2-C3 segments in cats
S. Sasaki, Y. Iwamoto (Japan) 137
Resveratrol-induced activation of the mitogen-activated protein kinases, ERK1 and ERK2, in human neuroblastoma SH-SY5Y cells
M. Miloso, A.A.E. Bertelli, G. Nicolini, G. Tredici (Italy) 141
Expression of inducible nitric oxide-synthase in the vestibular system of hydropic guinea pigs
A. Hess, W. Bloch, J. Su, E. Stennert, K. Addicks, O. Michel (Germany, PR China) 145
Nerve growth factor enhances sleep in rabbits
S. Takahashi, J.M. Krueger (USA, Japan) 149
Changes in ornithine decarboxylase activity and putrescine concentrations after spinal cord compression injury in the rat
A.E.M. Mautes, W. Paschen, G. Röhn, A.C. Nacimiento (Germany) 153
Increased brain lysosomal pepstatin-insensitive proteinase activity in patients with neurodegenerative diseases
M.A. Junaid, R.K. Pullarkat (USA) 157
Temporal integration of auditory stimulus deviance as reflected by the mismatch negativity
E. Sussman, I. Winkler, W. Ritter, K. Alho, R. Näätänen (USA, Hungary, Finland) 161
NMDA receptor mediated Ca^{2+} responses in neurons differentiated from $p53^{-/-}$ immortalized Murine neural stem cells
K. Yamada, T. Hisatsune, S. Uchino, T. Nakamura, Y. Kudo, S. Kaminogawa (Japan) 165
Auditory temporal-order judgement is impaired in patients with cortical lesions in posterior regions of the left hemisphere
N. von Steinbüchel, M. Wittmann, H. Strasburger, E. Szelag (Germany, Poland) 168

Author Index to Volume 264 172
Contents to Volume 264 175
Contents continued 177